

FORM PTO-1449 U.S. Department of
Commerce (Rev. 4/92) Patent and Trademark
Office

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

501.35478CX20

SERIAL NO.

10/797012
Not yet assigned

APPLICANT

MIWA, et al

FILING DATE

March 11, 2004

GROUP

2818

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MT	4 9 6 4 0 7 9	10/90	Devlin	365	185.03	
I	5 3 6 5 4 8 6	11/94	Schreck	365	185.22	
I	5 4 1 2 6 0 1	5/95	Sawada et al	365	185.03	
I	5 8 3 1 9 0 0	11/98	Miyamoto	365	185.03	
MT	5 7 4 5 4 0 9	4/98	Wong et al	365	185.03	
I	5 5 5 5 2 0 4	9/96	Endoh et al	365	189.01	
I	5 1 5 1 3 8 7	9/92	Brady et al	437	191	4/30/90
I	5 0 8 4 4 1 7	1/92	Joshi et al	437	192	3/13/89
MT	5 0 5 9 5 5 4	10/91	Spinner et al	437	193	6/23/89
I	5 1 7 2 3 3 8	12/92	Mehrotra et al	365	185.03	
I	5 1 3 8 5 7 6	8/92	Madurawe	365	185.3	
MT	5 4 8 7 0 3 6	1/96	Akaogi et al	365	185.23	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO
MT	5 9 1 2 1 6 9 6	7/84	Japan			XX	
I	4 2 3 8 1 9 6	8/92	Japan				XX
MT	4 5 7 2 9 4	2/92	Japan				XX

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MT	Digest of Technical Papers, ATP 2.1: A 3.3V 128Mb Multi-level NAND Flash Memory for Mass Storage Applications, T. Jung, et al., ISSCC96/Session 2/Flash Memory/Paper TP 2.1, 1996 IEEE International Solid State Circuits Conf.
MT	Betty Prince, "Semiconductor Memories", 1983, Wisely, 2 nd Edition, pp. 620-621.

EXAMINER

M. TRAN

DATE CONSIDERED

7/26/04

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of
Commerce (Rev. 4/92) Patent and Trademark
Office

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

501.35478CX20

SERIAL NO.

10/797012
~~Not yet assigned~~

APPLICANT

MIWA, et al

FILING DATE

March 11, 2004

GROUP

2818

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MT	5 6 7 7 8 6 8	10/97	Takahashi, et al	365	185	
	5 7 6 8 1 9 3	6/98	Lee, et al	365	185.25	
	5 7 5 7 6 9 9	5/98	Takeshima, et al	365	185.24	
	5 7 9 6 6 5 2	8/98	Takeshima, et al	365	185.03	
MT	5 7 5 4 4 6 9	5/98	Hung, et al	365	185.03	
	5 7 4 8 5 3 3	5/98	Dunlap, et al	365	185.19	
	5 7 5 4 4 7 5	5/98	Bill, et al	365	185.25	
	5 6 8 7 1 1 4	11/97	Khan	365	185.03	
	5 7 6 8 1 8 8	6/98	Park, et al	365	185.03	
MT	5 4 4 0 5 0 5	8/95	Fazio, et al	365	45	
	5 4 5 0 3 6 3	9/95	Christopherson	365	205	
	5 1 6 3 0 2 1	11/92	Mehrotra, et al	365	185	
	5 7 6 8 1 9 1	6/98	Choi, et al	365	185.22	
	5 5 6 6 1 2 5	10/96	Fazio	365	45	
	5 2 0 0 9 2 0	4/93	Norman, et al	365	185	
	5 6 7 5 5 3 7	10/97	Bill, et al	365	185.22	
MT	4 8 6 0 2 5 8	8/89	Fruhauf, et al	365	194	

EXAMINER

M. TRAN

DATE CONSIDERED

7/26/04

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

FORM PTO-1449 U.S. Department of
Commerce (Rev. 4/92) Patent and Trademark
Office

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

501.35478CX20

SERIAL NO.

10/797012

Not yet assigned

APPLICANT

MIWA, et al

FILING DATE

March 11, 2004

GROUP

2818

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ME	5 9 1 5 1 0 5	6/99	Farmwald et al	710	305	
	6 0 3 8 1 6 5	3/00	Miwa	365	185.03	
	4 4 3 5 7 8 6	3/84	Tickle	365	185	
MT	5 6 9 4 3 5 7	12/97	Mori	365	185.03	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	ABSTRACT	
						YES	NO
ME	6 2 6 4 9 3	2/87	Japan			XX	
	6 2 3 4 3 9 8	2/87	Japan			XX	
	6 2 2 5 7 6 9 9	11/87	Japan			XX	
	6 2 2 9 8 9 9 9	12/87	Japan			XX	
	6 3 2 7 6 7 9 1	11/88	Japan			XX	
MT	2 4 0 1 9 8	2/90	Japan			XX	
	2 2 6 0 2 9 8	10/90	Japan			XX	
	3 2 3 7 6 9 2	10/91	Japan			XX	
	4 5 7 2 9 4	2/92	Japan			XX	
	4 1 8 4 7 9 4	7/92	Japan			XX	
MT	4 2 3 8 1 9 6	8/92	Japan			XX	
	0 6 1 3 1 8 8 1	5/94	Japan			XX	
	0 6 1 9 5 9 8 7	7/94	Japan			XX	
MT	0 6 2 6 7 2 8 5	9/94	Japan			XX	

EXAMINER

M. TRAN

DATE CONSIDERED

7/26/04

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

FORM PTO-1449 U.S. Department of
Commerce (Rev. 4/92) Patent and Trademark
Office

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

501.35478CX20

SERIAL NO.

101797012

~~Not yet assigned~~

APPLICANT

MIWA, et al

FILING DATE

March 11, 2004

GROUP

2818

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MT	5 3 2 7 3 9 0	7/94	Takasugi	365	230	
	5 4 7 3 5 7 0	12/95	Sato et al	365	221	
	6 0 1 1 8 8 0	1/00	Tani et al	382	312	
	6 3 6 6 4 9 5	4/02	Miwa et al	365	185.03	
	6 4 5 9 6 1 4	10/02	Miwa et al	365	185.03	
MT	6 0 4 4 0 3 1	3/00	Iadanza et al	365	230.03	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
						YES NO
MT	1 2 7 3 2 9 4	11/89	Japan			XX
	0 7 0 5 7 4 8 4	3/95	Japan			XX
	0 2 1 5 4 9 7		Japan			X
	0 6 3 0 9 8 9 0	11/94	Japan			XX
	0 1 2 3 8 4 2	9/79	Japan			
MT	1 1 3 4 7 9 3	5/89	Japan			X
	5 2 1 0 9 9 1	8/93	Japan			XX
	6 2 5 1 5 9 1	9/94	Japan			X
	7 9 3 9 7 9	4/95	Japan			XX
MT	2 0 4 0 1 9 8	2/90	Japan			XX

EXAMINER

M. TRAN

DATE CONSIDERED

7/26/04

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of
Commerce (Rev. 4/92) Patent and Trademark
Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

501.35478CX20

SERIAL NO.

101797012
~~Not yet assigned~~

APPLICANT

H. MIWA, et al

FILING DATE

March 11, 2004

GROUP

2818

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MT	5 2 9 7 0 2 9	3/94	Nakai et al	365	238.5	
	4 6 9 2 8 8 6	9/87	Miki et al	364	718	
	5 4 2 2 8 5 8	6/95	Mizukami et al	365	233	
MT	5 5 3 9 6 8 8	7/96	Yiu, et al	365	185.14	
	5 5 4 4 0 9 9	8/96	Hara	365	185.19	
	5 6 7 7 8 6 9	10/97	Fazio, et al	365	185.03	
MT	5 6 1 5 1 5 3	3/97	Yiu, et al	365	185.19	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
						YES NO
MT	0 6 2 8 2 9 9 2	10/94	Japan			XX
	0 7 1 6 1 8 5 2	6/95	Japan			XX
MT	0 6 0 7 6 5 8 6	3/94	Japan			XX

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

M. TRAN

DATE CONSIDERED

7/26/04

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])